



OFFICE MEMORANDUM

DATE: September 6, 2000

TO: Region Engineers
Region Associate Delivery Engineers
Region Construction Engineers
Resident/Project Engineers/TSC Managers

FROM: C. Thomas Maki
Chief Operations Officer

Gary D. Taylor
Chief Engineer/Deputy Director
Bureau of Highway Technical Services

SUBJECT: Bureau of Highway Instructional Memorandum 2000-19
2000 Fall Updates to the Construction and Technology
Division's Procedures Manuals

The Construction Manual, Michigan Test Methods, and Materials Quality Assurance Manual have been revised as indicated. In addition, the Aggregate Source Inventory has been completely reprinted for the first time since 1986 and the Materials Sampling Guide has been discontinued in its current format. With the recent release of the Sedimentation and Erosion Control Manual (see BOH-IM 2000-02) this completes the biannual schedule of updates.

Beginning in 2001, all Construction and Technology procedures manuals will be revised annually. These revisions will be made each year in time to apply to all projects let for the following construction season (see Subsection 105.05 of the 1996 Standard Specifications for Construction). If interim revisions to the procedures manuals are necessary due to changes in department policy, regulatory changes, health and safety issues or documented failures of materials or construction methods, these changes will be implemented using either the special provision or the BOH-IM process and incorporated into the appropriate manual with the next scheduled revision.

All revisions will be sent to holders of the manuals through MDOT's Publications Office. These additions and revisions are made and implemented in accordance with the Construction and Technology Division's Guidance Document DL 401 - *Publication of Revisions to Division Manuals*.

Questions concerning these revisions or the schedule of future revisions may be directed to Judy Ruszkowski, Engineer of Specifications, at 517-322-5669. Information on obtaining

these manuals, including all future revisions, should be directed to MDOT's Publications Office at 517-322-1676.

Aggregate Source Inventory

This publication has been completely updated and reprinted. It lists by county the aggregate sources supplying material to MDOT projects. The various types and classes of aggregates that may be supplied are included for each source along with contact names and driving directions to each location.

Materials Sampling Guide

This manual has been discontinued in its current format. A more convenient means of updating the information, which is subject to frequent change, was needed without reprinting large portions of the manual. The basis for acceptance of materials (test, certify, QPL, etc.) has been incorporated into the Materials Quality Assurance Manual. The lists of suppliers and products accepted under the various programs will be available from the Construction and Technology Division (hard-copy) and will eventually be maintained on the Internet where the information can be updated as needed.

Construction Manual

REV 103	Post Award Administration - Contract Modifications revised to reflect new procedures and forms.
REV 108	Prosecution and Progress - Revised guidelines for payment of delivered materials.
REV 205	Roadway Earthwork - Permanent erosion control time restraints updated to comply with statutory requirements.
REV 208	Soil Erosion/NPDES - Updated the MDEQ Surface Water Quality office information and added their web site address.
REV 210	Environmental - Revised to reflect current Construction and Technology organizational structure.

Michigan Test Methods

- REV MTM 206 Use of Unbonded Caps in Determination of Compressive Strength of Hardened Concrete Cylinders - revised to require that capping systems be qualified per ASTM C1231.
- NEW MTM 728 Corrugated Polyvinyl Chloride (PVC) Pipe - AASHTO M304

Materials Quality Assurance Manual

- REV Section A12 Random Sampling for Quality Assurance/Quality Control Projects - Use of calculator or computer to generate random numbers made the first choice and random number table the suggested alternate method for QA/QC projects where random sampling is required. This more accurately reflects the observed field application of random number selection. Revised the offset distance from edge of pavement for bituminous cores from 0.30 meter to 50 mm.
- REV Section E Corrected typographical error in tolerance for bituminous mixture IAT results.
- REV F(various) (QPL) Evaluation procedures for the following materials have been revised to reflect current Construction and Technology organizational structure.
- REV F703.03A (QPL) Prepackaged Hydraulic Fast-Set Materials for Patching Structural Concrete - Updated contact person/address.
- REV F706.03T1 (QPL) Penetrating Water Repellent Treatment for Structural Concrete Surfaces - Updated contact person/address.
- DEL F812.02E2 (QPL) Type C Steady Burn Warning Lights, Light Emitting Diode - These lights are now accepted based on Visual Inspection.
- REV F903.01 (QPL) Admixtures For Concrete, Air Entraining - Updated contact person/address.
- REV F903.02 (QPL) Admixtures For Concrete, Accelerators - Updated contact person/address.
- REV F903.03 (QPL) Admixtures For Concrete, Water-Reducers - Updated contact person/address.

REV F914.07 (QPL) Epoxy Resin Adhesive - Updated contact person/address.

ADD F917.13C (QPL) Mulch Binders (Tackifiers) - Combines five procedures for evaluation of mulch binders.

DEL F917.13C1 (QPL) Mulch Anchoring, Latex-Base - Replaced by F917.13C.

DEL F917.13C2 (QPL) Mulch Anchoring, Recycled Newsprint - Replaced by F917.13C.

DEL F917.13C1 (QPL) Mulch Anchoring, Wood Fiber - Replaced by F917.13C.

DEL F917.13C1 (QPL) Mulch Anchoring, Guar Gum - Replaced by F917.13C.

DEL F917.13C1 (QPL) Mulch Anchoring, Other Tackifiers - Replaced by F917.13C.

NEW Section G Materials Acceptance Criteria - This is a new section, which incorporates the basis of acceptance information from the discontinued Materials Sampling Guide.

Appendix In order to accommodate the new Section G, the appendix has been redesignated.

Maki
Chief Operations Officer

C. Thomas
Gary D. Taylor, Chief Engineer/Deputy Director
Bureau of Highway Technical Services

BOHTS:C&T:JAR:kab
Subject Index: Procedures Manuals
cc: C&T Staff
Real Estate, M. Frierson
Design, P. Miller
Maintenance, C. Roberts
Traffic & Safety, J. O'Doherty
C&T Division, J. Culp
OEO - A. Suber
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